# Translation





# **PCT**

# INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 663872	FOR FURTHER ACTION	See Form PCT/IPEA/416				
·International application No.	International filing date (day/month/year)	Priority date (day/month/year)				
PCT/JP2003/009970	06 August 2003 (06.08.2003)	06 August 2002 (06.08.2002)				
International Patent Classification (IPC) or national classification and IPC H05K 13/04						
Applicant  MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.						
	ninary examination report, established by smitted to the applicant according to Article					
	2. This REPORT consists of a total of 5 sheets, including this cover sheet.					
3. This report is also accompanied by A	·					
a (sent to the applicant and	to the International Bureau) a total of	sheets, as follows:				
sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).						
sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.						
b. (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s))  , containing a sequence listing and/or tables related thereto, in computer						
readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).						
4. This report contains indications relating to the following items:						
Box No. I Basis of the report						
Box No. II Priority						
Box No. III Non-establish	ment of opinion with regard to novelty, in	rentive step and industrial applicability				
Box No. IV Lack of unity	of invention					
Box No. V Reasoned stat	Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement					
Box No. VI Certain docur	nents cited					
Box No. VII Certain defect	ts in the international application					
Box No. VIII Certain observations on the international application						
Date of submission of the demand	Date of completic	on of this report				
03 March 2004 (03.03	.2004)	12 May 2004 (12.05.2004)				
Name and mailing address of the IPEA/JP	Authorized office	r				
Facsimile No.	Telephone No.					



## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

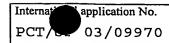
PCT/JP2003/009970

Box No.	Basis of the report						
<ol> <li>With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.</li> </ol>							
	This report is based on translations from the original language into the following language, which is language of a translation furnished for the purpose of:						
Ì	international search (under Rules 12.3 and 23.1(b))						
ł	publication of the international application (under Rule 12.4)	publication of the international application (under Rule 12.4)					
	international preliminary examination (under Rules 55.2 and/or 55.3)	international preliminary examination (under Rules 55.2 and/or 55.3)					
furnis	2. With regard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report):						
I	The international application as originally filed/furnished						
	he description:	L _ J					
	pages, as originally filed/furnish pages* received by this Authority on	nea					
	pages* received by this Authority on						
	the claims:						
	pages , as originally filed/furnish	hed					
ļ	pages* , as amended (together with any statement) under Article						
	pages* received by this Authority on						
	pages* received by this Authority on						
	the drawings:						
	pages , as originally filed/furnis	hed					
	pages* received by this Authority on						
	pages* received by this Authority on	_					
	a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.						
3.	The amendments have resulted in the cancellation of:						
"							
	the description, pages the claims. Nos.						
	the drawings, sheets/figs						
	the sequence listing (specify):						
ł	any table(s) related to sequence listing (specify):						
4. 🗌	This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).  the description, pages						
1	the claims, Nos.						
	the drawings, sheets/figs						
[	the sequence listing (specify):						
1	any table(s) related to sequence listing (specify):						
* If item 4 applies, some or all of those sheets may be marked "superseded."							



### INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

Box No. IV Lack of unity of invention
1. In response to the invitation to restrict or pay additional fees the applicant has:
restricted the claims.
paid additional fees.
paid additional fees under protest.
neither restricted nor paid additional fees.
2. This Authority found that the requirement of unity of invention is not complied with and chose, according to Rule 68.1, not to invite the applicant to restrict or pay additional fees.
3. This Authority considers that the requirement of unity of invention in accordance with Rules 13.1, 13.2 and 13.3 is
complied with.
not complied with for the following reasons:
See supplemental sheet
4. Consequently, this report has been established in request of the following and a fall integrational and installant
4. Consequently, this report has been established in respect of the following parts of the international application:
all parts.
the parts relating to claims Nos



Supplemental Box

(To be used when the space in any of the preceding boxes is not sufficient)

Continuation of: IV.3

Claims 1-6 pertain to a suction detection procedure for determining whether or not a part has been attached by means of a vacuum.

Claims 7-29 pertain to a missing part detection means for determining whether or not a part has been carried back.

Consequently, the inventions that are set forth in claims 1-29 clearly do not conform to the requirement of unity of invention.

v.	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement				
1.	Statement				
	Novelty (N)	Claims	1-29	YES	
		Claims		. NO	
	Inventive step (IS)	Claims	1-29	· YES	
		Claims		NO	
	Industrial applicability (IA)	Claims	1-29	YES	
		Claims		NO	

2. Citations and explanations

Document 1: JP 2000-127073 A (Advantest Corp.), 09 May

2000, (Family: none)

Document 2: JP 2000-114786 A (Matsushita Electric

Industrial Co., Ltd.), 21 April 2000,

(Family: none)

The inventions that are set forth in claims 1-29 are not disclosed in either document 1 or document 2 cited in the international search report, and are not obvious to a person skilled in the art.